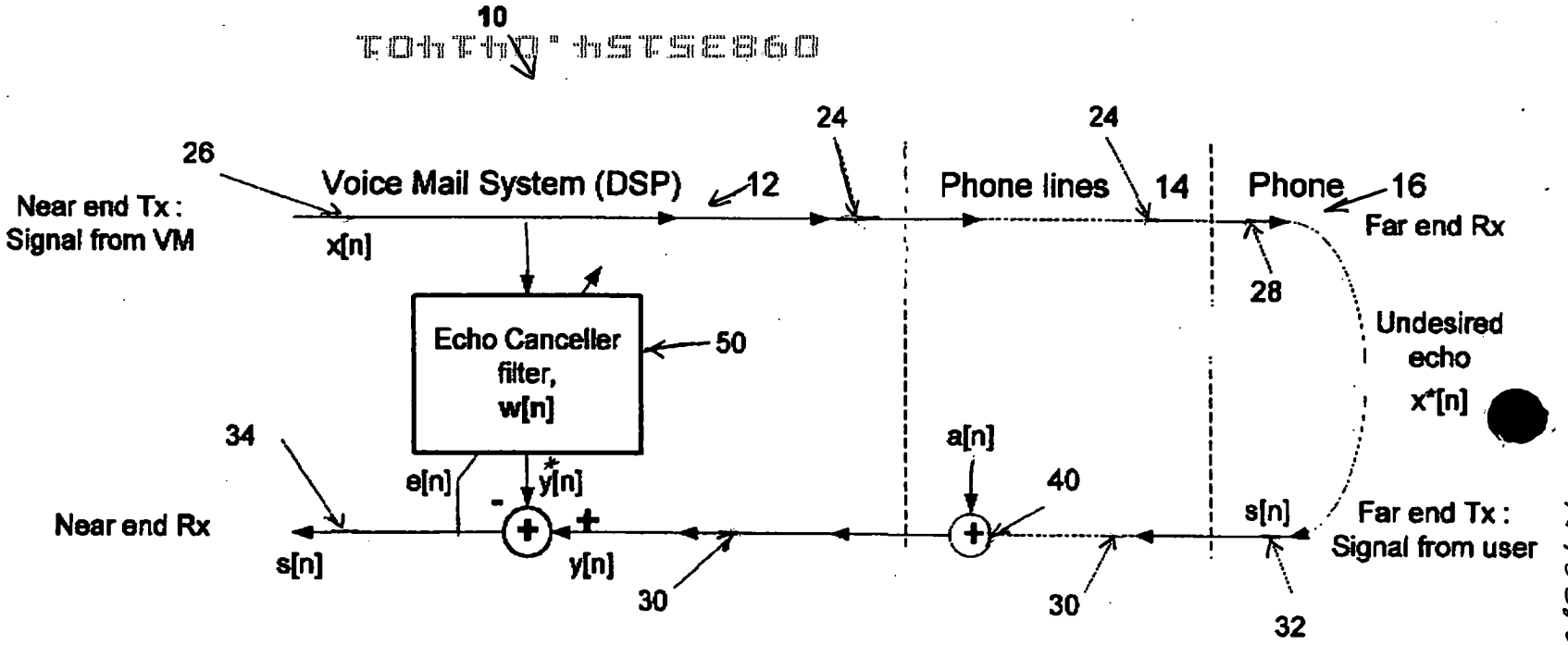

FIG. 1

11983.0080

FOUNDATION 5868

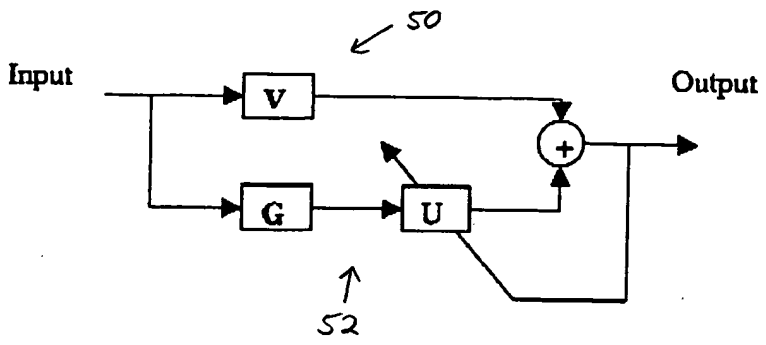

FIG. 2

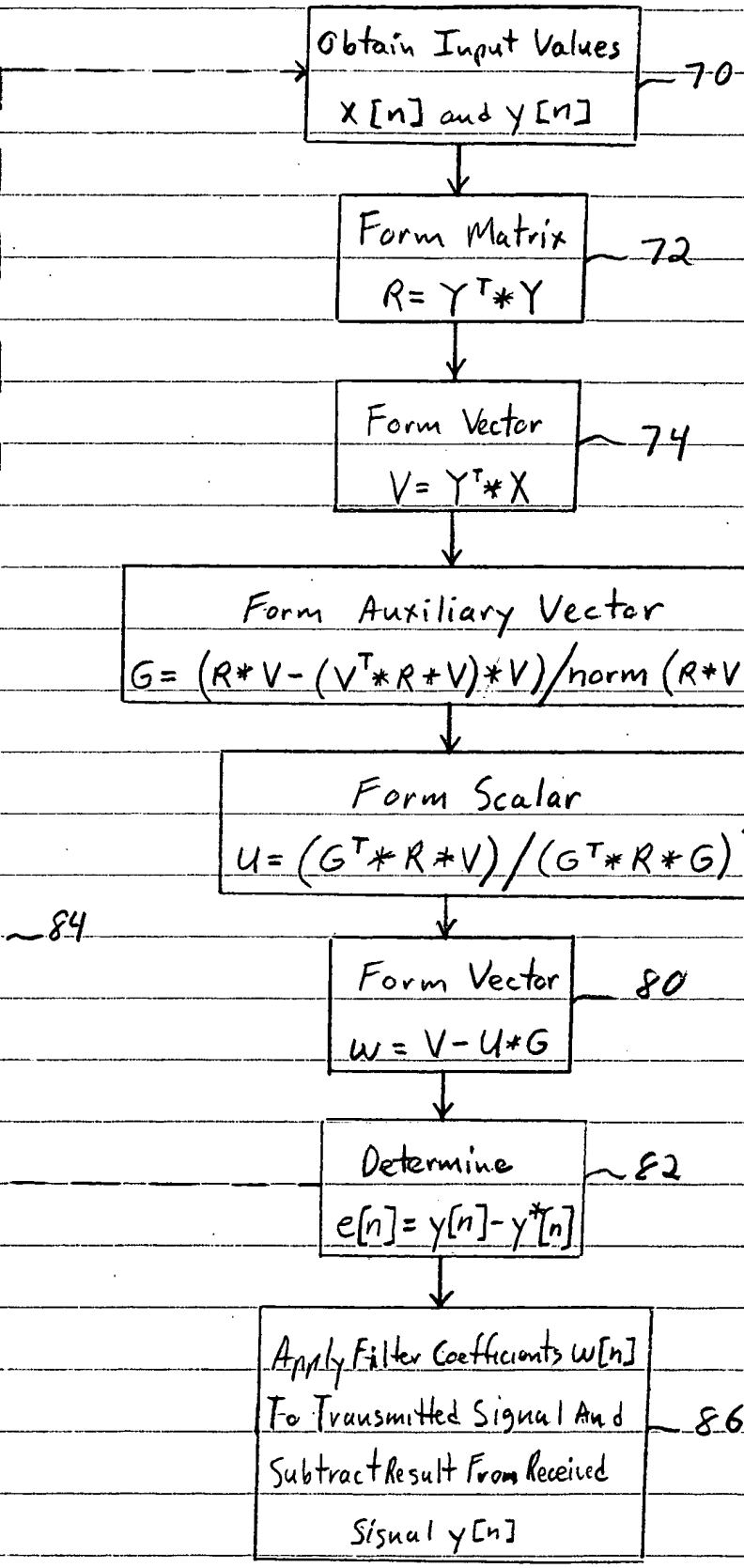
Obtain Input Values
x[n] and y[n]
70
Form Matrix
R = Y^T * Y
72
Form Vector
V = Y^T * X
74
Form Auxiliary Vector
G = (R*V - (V^T*R*V)*V) / norm (R*V - (V^T*R*V)*V)
76
Form Scalar
U = (G^T*R*V) / (G^T*R*G)
78
84
Form Vector
w = V - U*G
80
Determine
e[n] = y[n] - y*[n]
82
Apply Filter Coefficients w[n]
To Transmitted Signal And
Subtract Result From Received
Signal y[n]
86

FIG. 3